

DIFFUSER FOR FLAT PANEL DISPLAY**ABSTRACT OF THE DISCLOSURE**

A light diffusing film for a back light display is described. The light diffusing film includes a unitary film consisting essentially of polycarbonate and a uniformly dispersed anti-static material in an amount sufficient to impart anti-static properties to the film. The anti-static material may comprise a fluorinated phosphonium sulfonate. The film may additionally include at least one textured surface for the low scattering of light. Alternatively, the film may additionally include a uniformly dispersed acrylic bulk scattering additive of particles having a mean particle size of from about 3 to about 10 microns and present in an amount from about 2 to about 7 percent by weight percent for the high scattering of light.